parent and translucent when shaded

The old story anent the formation of pearls was that they were developed

eign substances that had worked in be-

tween the mollusk's bedy and its shell. Like many another pristine theory in

of the raison d'etre of the pearl has gone by the board.

The latest view on the subject is

right in line with the theory of the

In effect it is that the oyster con-

tracts a disease, and to the presence

of a microscopic insect known as the

diatoma. This flekelike creature infests

oyster beds and causes disease among

the mollusk inhabitants that undoubt-

edly yields nore valuable results than

any other in the whole known realm

The substance of which pearls are

formed is a sort of secretion that is

of the oyster's body. Pearls have ex-

actly the same chemical composition

or salt water or whether they are taken off the coast of Australia or out

Ten years ago isolated fishermen

digging with spade and hoe in the

mud in the river bottom, and now

dragging a clumsy rake at the stern

mate, there are 30,000 men and women

engaged in an industry whose product iast year was valued at upward of \$5.

backed with plenty of capital are in the field, and at least one of these com-

panies is equipped with suitable ma-

for the pearl-bearing oyster.

buttons.

ecident and now it is a gamble.

chinery for dredging the river bottom

Pearl fishing in its in eption was an

The industry had its beginning

the discovery of a few valuable pearls

were annually dug out of the lower Mississippi to supply the demand of

the manufacturers of shirt studs and

At one time a ton of clam shell

brought \$8 on the shore and half a ton

of shells as the result of a day's work

was not unusual for a good man. Then

glutted market and nothing but the

fact that pearls were occasionally found among the shells kept the shell

At the present time the shell indus

ously dredging for the hard-shelled

Any fisherman without regard to his

Today, according to a recent esti-

ubiquitous germ.

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WEATHER FOR SALT LAKE. Fair.

### AN IMPRACTICABLE SCHEME.

contributes to the national gayety an alcohol and denaturize it on a small interview in which he favors the elec- scale at a profit. tion by the people of a boss who shall select candidates for office. This boss, the secretary believes, should be elected annually by the legal voters of his party at a primary at which only that office is in controversy. In other words, Mr. Bonaparte would have the people vote out of their own hands the privilege of selecting candidates for of-

We do not believe the proposition will be taken seriously by any large proportion of the public. The fact is that the people are trying to get away from boss rule instead of into it. In there is at least one political boss. Even Smoot. He has never been formally elected to the position, but he holds it just as certainly as if he had.

Just as in the old days in Pennsylcan can be nominated without the ad-vice and consent of Senator Reed be reasonably sure that he was getting Smoot. In most of the states the men the real article. Smoot. In most of the states the men the real article. who are the bosses do not hold office.

Dealers say that the Brazilian coffees like resemblance even in two stones. Pearls.

No Tammany leader, for example, has are as good as any that can be important to speak of the dozens and even are as good as any that can be important to speak of the make-up of skill or speak.

tion to pick his friends regardless of beled. their individual qualifications would be so strong that only the strongest could resist it.

cidedly not do. The people may not honest man. It is quite apparent that have any real power in the selection of nothing is expected from Mr. Rockecandidates, but they surely will insist feller this year. on preserving the semblance of power.

# SEEING THINGS AT NIGHT.

cisco against the segregation of Japa- the barrels. nese from white children in the public schools an indication of Japan's desire for war with the United States are certainly "Seein' things at night." They are dreaming dreams and observing visions, mostly of the nightmare variety. It may be quite true, as some well informed people say, that Japan is extremely desirous of acquiring the Philippines, but she is not going to do

In the nature of things the proposition is out of the question. No nations supposed for a moment that England her own risk. will encourage or permit Japan to become involved in a war with this country for the Philippines, or for anything else? Nor can it be believed that Japan is looking for any trouble.

That nation has not yet recovered from the effects of the war with Russia. Her industries are in need of re- lice force for thirty years without re- deavor to prevent the northwest rebelhabilitation, her people have not yet vealing her sex. Now where's the man accustomed themselves to the paths of who says a woman cannot keep a sepeace. Besides, the war with Russia cret? has left upon Japan a burden of debt that in itself would act as a deterrent. Japan will go a long way around troucause even if she insisted on war she man. could not get the funds with which to finance it.

In the San Francisco school matter the courts may be depended upon to arrive at a satisfactory adjustment. There is no certainty that our treaty with Japan was violated by the segregation order, and if it was it would constitute no occasion for war. The Japs may not be able to remember the financial and moral aid rendered them by the United States, but they cannot forget that in a struggle with this nation they wouldn't have the faintest whost of a chance to win.

# The recent ruling of the commission

er of internal revenue, with the approval of the secretary of the treasury, will cause a shock to many people who had an idea that they could set up little denaturized alcohol distillerles of

ance with government regulations, and eries along the lower Mississippi there that they are to be under the control of the government at all times.

Some farmers and others have been laboring under the theory that they could turn their surplus potato crops, their beets, their cornstalks and other products from which alcohol can be made, into that fluid pretty much as The Herald can be obtained at these places:

New York—Waldorf-Astoria; Imperial; Astor House.
Chicago - The Auditorium; Palmer House; Great Northern Hotel.
Kansas City—Coates House.
Omaha—Union Depot; McLaughlin & Co.; E C. Gates; Bimbrose Book Exchange; Megeath Stationery Co.
Denver—Brown Palace; Hamilton & Kendrick; Union Depot; S. Weinstein.
Oakland—N. Wheatley News Co.
San Francisco—Hotel St. Francis.
Sacramento—Sacramento News Co.
Los Angeles—B. E. Amos Wagons; Hotel Lankershim.

they make sweet cider from surplus apples. The result of the ruling will, of course, be to greatly reduce the quantity of denatured alcohol to be manufactured for the present. The ruling will, however, be generally accepted as sound.

Alcohol as it comes from the distillery is not denatured. It must be rendered unfit for drinking purposes after it is made. To permit any one to proceed they make sweet cider from surplus ap-

made. To permit any one to proceed without supervision to manufacture alcohol and trust to his honor to denaturize it would be to open the doors to frauds of the grossest character and to deprive the government of millions of dollars in internal revenues.

The commissioner points out that in the United States there are today more than 1,000 distilleries manufacturing tilled spirits. He says that all the expenses of supervision will be paid by the government, and that in the equipment of the plants the manufacturers will be put to as little expense and trouble as possible. Large plants will not be required, but it is very doubtful next half decade. Secretary of the Navy Bonaparte if it will be possible to manufacture

### THE COFFEE FRAUD.

Six hundred million pounds of soare sold in the United States every sible, many coffee drinkers are drinkother beans under the impression that a peer. they are imbibing Mocha and Java.

If the statistics are accurate just one coffee comes from Brazil, though we get a great deal from Mexico and a pearls to be worn in necklaces and pearls to be worn in necklaces and pearls to be worn in necklaces and pearls to be seen along the pearls to be worn in necklaces and pearls to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves to be seen along the pearls of the piece leaves the piece leaves the pearls of the piece leaves the Porto Rico. A proposition is now on atum is to get stones that match one Paul and Prairie du Chien industrivania no Republican could be nomi- foot, in connection with the national another closely nated for an office of importance without the consent of Senator Matthew of coffee in bond under covernment.

American fresh-water pearls hewwell and mollusks are pearl hunters first and
ever, are valued for just he opnosite shell gatherers afterward. out the consent of Senator Matthew of coffee in bond under government su- qualities. The coloring, far from being Stanley Quay, so in Utah no Republi- pervision. With a government certifi- even, is most irregular and in the gen- the shells, but they can get from \$3

ever held an office while he was act- ported. They make the same argu- the most famous necklaces and tiaras good chance of "striking it rich" ing as leader. It was enough for him ment for the Porto Rican and the Mex- The Bates pearl, as a typical Ameriany time by bringing up a pearl of ican products. However that may be can stone, is remarkable not alone for great price. In faxt, that is where the We fail to see how a legal boss would the fact remains that the purchaser is elp political conditions any. It would entitled to receive exactly what he help political conditions any. It would entitled to receive exactly what he ef 85 grains, the jewel is perfectly fished for several seasons with just or be a tremendous power to place in the pays for. He should not be required to round and absolutely without a flaw, dinary luck, and then he gave added hands of any individual. He might pick pay for Java and Mocha and get Mexi- The flesh-colored tinting gives a beau- zest to the game by bringing up the good men for the offices and he might can or Porto Rican or Brazilian. Every pick bad ones. Certainly the temptapick bad ones. Certainly the tempta- can should be fairly and honestly la-

In a debate the other night the Cleve- One Purloined a Battleship-Another land Y. M. C. A. came to the conclusion Secretary Bonaparte's idea will de- that a multi-millionaire cannot be an

Thirty-six million barrels of apples Legion." The Legion of Frontiersmen have made their first bivouac, not inwill be sent out from the orchards of deed, as they would have wished it, unthe country this year, according to a der a sky reddened by the glare of bat-People who see in the recent protest crop report. And, as usual, the little tle, but that they might notify in time entered by the Japanese in San Fran- apples will be found at the bottoms of time of strife. They are becoming an

Statistics show that the railroads of service when the god of war calls for Indiana carried 64,000,000 passengers sacrifice. They represent the true fronduring the last fiscal year. The au- ed, or fought in wild countries or at sea, thors must be making money-unless the brotherhood of the camps. Guerilla they rode on passes

According to a census taken by the church workers there isn't an infidel in Fort Wayne, Indiana. Doesn't that absolutely prove that the world is honorary secretary. Frontiersman Roggrowing better?

In the light of the recent scandals, sense deprecating the fashion that has in the world are more friendly today every American girl who accepts a distorted the term into meaning some than England and the United States. titled foreigner as her husband will un- form of skunk. Frontiersman Pocock England is Japan's ally. Is it to be derstand that she takes the goods at

> The election really wasn't in it for keeper, log hauler, railroad navvy, book real interest with the fight between agent, peddler of photographs, dairy-Fish and Harriman for control of the

A woman served on the Madrid po- Regina to Prince Albert, in a vain en-

The newest invention is a tubeless telescope. There is still nothing unusual, however, about the moneyless ble, instead of going towards it, be- usual, however, about the moneyless journalist to British Columbia, special

> The happiest man these days is the pher, keeper of a cigar stand, painter thap who absolutely declined to indulge in the Blue mountains. Then home chap who absolutely declined to indulge in any election prophecies.

SPORT OF UNCROWNED KINGS.

(Puck.) "He thinks he's quite a lady-killer."
"Pooh! He couldn't kill a chicken with
that machine."

# THE OPTIMISTIC.

(Philadelphia Ledger.) Hicks—Yes, indeed, he's always happy when he's looking for work.

Wicks—Well, well, what a cheerful disposition. And is he never sad or de-Hicks-Only when he finds it

# Centre of Pearl Fishing

Minnesota and Its Streams Becoming Noted for Industry

(Minneapolis Tribune.)

Minnesota is getting to be a centre for the pearl-fishing industry. With the steady decline of the pearl fisher eries along the lower Mississipal than inside eries along the lower Mississippi there has been a corresponding increase in those on the corresponding increase in against grains of sand and other forthose on the upper river between Minneapolis and La Crosse, especially on the Minnesota side of the river. Simultaneously the industry has been grad- the world of science, this explanation ually extended to other streams and bodies of water within the confines of the state, until at present moment there is hardly a river or lake of any size in the northern or central part of Minnesota that does not have its!

pearl fisheries That pearl fishing is no inconsiderable industry may be seen from the fact that the value of all the freshwater pearls produced in the United States during 1905 amounted to fully \$5,000,000. Of this amount rather more than a half represents the value of the of therapeutics. pearls that were gathered from the streams and lakes in the middle west, formed is a sort of secretion that is the Missouri valley, as it were, in the exuded from the disease affected hart strictest sense of the name.

Just what the figures were for the total value of the pearls gathered in whether they are called fresh water Minnesota during last year it is impossible to say. It is a safe guess. however, that \$1,000,000 will not cover it, and it is almost as safe to predict that inside of a couple of years the yield of the state's rivers and lakes quantity, varying in different pearls, will more than double in value of animal matter. will more than double in value.

As a matter of fact even if the state's yield does not increase a pound eked out a hard existence along the in amount from year to year, the pres- lower Mississippi river, especially ent indications are that the value of Missouri, Illinois and Arkarsas. With less than thirty gallons a day of dis- it will double winthin the next few only the crudest appliances for the years. The price of fresh-water pearls work the lone pearl hunter toiled at is unmistakably on the rise, and pearl the hardest kind of manual labor, now dealers throughout the country are unanimous in their opinion that the increase in price of 200 to 500 per cent. that has taken place in the last three of a small boat. or four years will be hardly a circumstance to the rise that is due for the

Think of a pearl as large as an ordinary marble, with a rarity of color-ing that makes it impossible to be matched. Such a pearl-as this was taken out of the Mississippi within a month and has since been sold for about \$70,000-a veritable fortune for called blended Mocha and Java coffee William Bates of Red Wing, the lucky finder of the stone.

Without doubt there is not another year. According to the customs sta- pearl in existence that will compare tistics just 2,000,000 pounds of Mocha with the one that Bates took out of and 10,000,000 pounds of Java are an- a Mississippi river clam a few weeks among the tons of clam shells that nually imported by American dealers. ago. That there are larger pearls in the world goes without saying, and that Unless the balance is smuggled, which there are pearls on which a higher most people will admit is hardly pos- market value is set is likewise a truism. Nevertheless, for delicacy of coloring and oddity of the shading the ing an elegant mixture of chicory and Bates pearl, as it is called, is without

Pearls found ir foreign countries are the price dropped as the result of a valued for the evenness of their col-oring and the ease with which they cup of Mocha and Java in fifty is really can be matched. Thus, it is not an un-Mocha and Java. The bulk of our usual phenomenon to find all the pearls industry from petering out completely. continually increasing quantity from other ornaments the principal desider- whole length of the river between St

> is almost impossible to get anything get almost fabulous prices for the best scores that enter into the make-up of skill or previous experience stands

sufficient they will have a command.

Typical of all are their founder and

er Pocock and the London command-

ant, Mr. De Hora. Both are born ad-

venturers-we use the word in its older

has been many things. He was clerk in

the cable service, a laborer on a fruit

surance clerk, survey hand, "boots" in

a hotel or navvies, milkman's book-

man and trooper in the northwest police

correspondent at Kootenay mining

camp, then a new creation; photogra-

called and the started as a novelist, but it was not long before he was back in the wilds as a cowboy in Alberta, gold

the wilds as a cowboy in Alberta, gold miner and captain of a pack train. A little later he placed to his credit what is probably the longest lone ride on record—from Fort McLeod, Canada, to the City of Mexico—3,600 miles of rough country, covered in 200 days. In the South African war he was in turn in a looting corps (unpaid), whose business the way to capture Boer food supplies

it was to capture Boer food supplies, and in the national scouts. . His most

recent expedition was up the west coast of Greenland.

Mr. De Hora, the well known mining

valided with a pension

farm and a general farm in Ontario, in-

engineer, who was born on a stock TWO MEN OF ADVENTURE. ranch in California and brought up as a cowboy, has a unique record in that at the early age of three-and-twenty he stole a battleship. He had been before the mast, pearling in the South seas, Did Everything Else. (London Sketch.) and, scenting further adventure, he The first fire of a new army has been threw in his lot with a revolutionary lighted; the world has a new fighting leader, and, aided by a hoat's crew force, the fighting force of "The Lost contrived to steal the war vessel Huas-

car from Peru. In her he committed piracy on the high seas by stopping a British tramp steamer, with the result that he had to fight H. M. S. Shah. He was badly beaten, but escaped, only to find it necessary to surrender to the ruling government. His next expedition, made in arm of imperial defense, and they aim partnership with the ex-revolutionary leader, ended in the discovery of the at being the intelligence branch of the famous Maghellan treasure-\$2,000,000 in a sunken Spanish galleon of the seventeenth century, spoil promptly confiscated by a schooner sent by the Argentine government, whose capital Mr. De tacties are second nature to them; and Hora entered a little later at the head so it is that they will act as guides, scouts, pioneers and mobile forces for raiding. Wherever their numbers are

of 300 cowboys from the Rio Negro. It was he also who led Colonel North's exploring expedition from Brazil to Ecuador. Thus adventure followed adventure, until the South African war broke out. At that time he was acting as mining engineer in Johannesburg, and, seeing the state the city was likely to get into, he raised a corps of 600 neutrals to act as armed police. These did their work until the arrival of Lord Roberts, when their organizer formally handed over the place to the care of Captain Walter Kirton, also, by the way, of the London command. Surely a difficult record to eclipse.

# CLEVER PARAGRAPHS.

Anybody's Money Would Do That. -all in two years. While trooper he took part in the forced march of forty-two miles a day for seven days from (Minneapolis Journal.) Regina to Prince Albert, in a vain endeavor to prevent the northwest rebellion; but it was not his fortune to fin-

save under the Red Cross. Half Won't Be Long Now Till He's Broke. way he was frozen and so was in-(Philadelphia Ledger.)

> The Czar Has a Feelin' for Him. (Chicago Tribune.) King Alfonso is weakening under the strain of trying to live up to the requirements of a perpetual crisis.

What's His Pittsburg Connection? (Washington Post.)

A San Francisco woman elects to re-main in a padded cell rather than live with her millionaire husband.

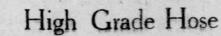
They Usually Do the Shaking Down (Detroit Free Press.) The New York police force is accustomed to being both shaken up and shaken down.

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